

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 09/980,713

supply, input current determination means for comparing the input current found by the input current detection means with an allowable current value with respect to at least one of a less-than, equal-to, and greater-than relation, and control signal output means for inputting at least one of motor drive currents or motor speeds from said two or more drive units to which the DC power is supplied, selecting the drive unit providing a large effect of lowering the input current, and outputting a control signal thereto if the input current determination means determines that the input current is greater than the allowable current value, wherein said drive unit comprises control signal execution means for changing the control command from said numerical control unit based on the control signal output from the control signal output means, and wherein the control signal execution means of said drive unit inputting the control signal changes the control command from said numerical control unit, thereby lowering the input current.